The AzApple Journal
November, 1989
$2.75

SPECIAL! Unprecidented CLARIS™ Offer to be presented at Nov 18 Meeting

See Pages 23 & 32

Guy Kawasaki's Book
Reviewed by Dennis Smith

Traditional Turkey Dinner
From America OnLine

Virus Not To Sneeze At
Craig White

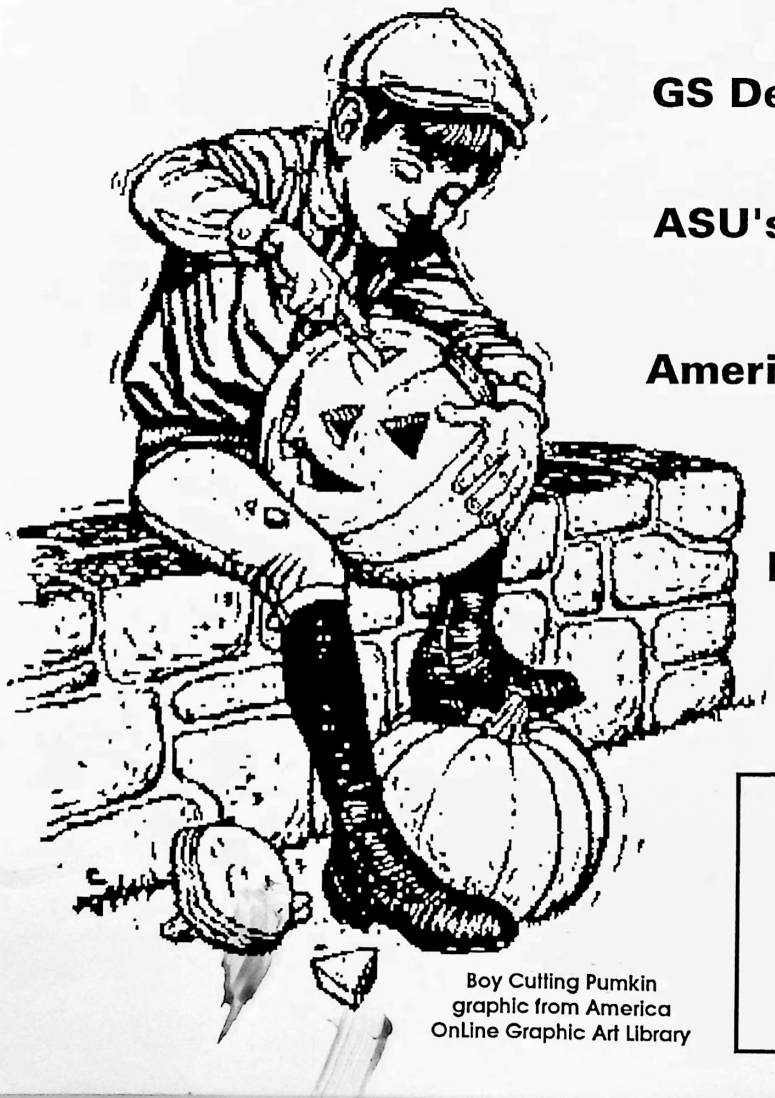
GS Developer Tool Kit
AppleLink Press Release

ASU's Library Catalog
Robert Swierski

America OnLine Demo Mac & Apple //

GS Battery Problems Solved

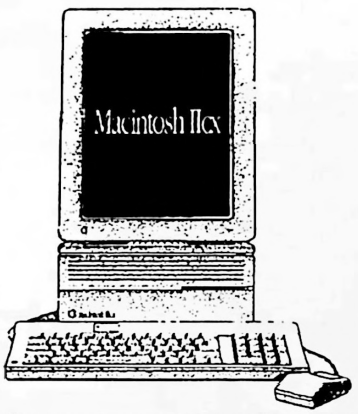
Calendar of Events



Boy Cutting Pumkin graphic from America OnLine Graphic Art Library

Special Interest Group to take part in The AzApple Journal publishing and design. See SIG schedules page 12

Mac IIci & Mac IIcx



If productivity is your concern,

The Macintosh IIci and Mac IIcx are probably the most versatile and productive computers in the Apple computer family, offering the latest advances in technology. Each of them come with System Software 6.0.3, and Hypercard information management Toolkit. For productivity applications ranging from Desk-Top publishing to Engineering applications, we think that these are the best performers among personal computers.

Macintosh IIcx features 16 Mhz full 32-bit 68030 microprocessor with built-in Paged Memory Management Unit (PMMU), 68882 floating point coprocessor, three NuBus expansion slots, small footprint, Locking power switch, 1.4 Meg Apple FDHD, seven built-in ports, and a choice of monitors and hard drives.

Macintosh IIcx with **2Meg RAM**, AppleMonochrome **monitor,**
video card, 40 Meg Hard drive, and a standard Keyboard.....**$4399.**

Macintosh IIcx w/ **4 Meg RAM** , **AppleColor** Hi-Res RGB
or Apple monochrome **Portrait (full page)** monitor ,video card,
100 Meg hard drive, and a standard Keyboard.....**$5999.**

Macintosh IIci features 25MHz 68030 microprocessor. For Mac IIci system pricing, please add $1000 to the Mac IIcx system prices.

Add 6.7% Sales Tax. All prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

(North East corner of 44th St. & Oak St.)

Phoenix AZ 85008

Phone: 602-955-1404

September 21, 1989

Authorized Dealer

New Macintosh Portable

The **Macintosh Portable** computer is ideal for users who want to take their work with them. Everything a user needs- CPU, screen, keyboard, pointing device, battery, FDHD 1400K 3.5" drive, hard drive- is integrated into a single, easy to carry package.

The **Macintosh Portable** computer offers complete Macintosh functionality and performance in an all-in-one portable design. It delivers all of the features that make Macintosh a Macintosh-point and click operation, high quality graphics, the ability to run thousands of consistent graphical Macintosh applications, standard Macintosh input and output capabilities, and built-in networking. Intelligent power management features allow the Macintosh portable to operate for **6 to 12 hours on a single battery charge.**

Specifications: Processor: CMOS 68000; **16 MHz** Static RAM: 1 Meg expandable to 2 Meg.
Internal Storage: **One 3.5" 1400K FDHD** superdrive, Optional 40 Meg 3.5" SCSI internal hard drive.
Screen: Active Matrix LCD (640X400 pixel bit-mapped display) Unlike some other prtables on the market, **the screen is remarkably responsive:** When you move the cursor, resize a window, or draw a graphic, the screen reacts instantly. Furthermore, you can easily read the screen of the **Macintosh Portable from almost any angle,** and in a wide range of lighting conditions.

Macintosh Portable with 1 FDHD and a 40 Meg internal Hard Drive....$5499

Note: Add 6.7% Sales Tax. Prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

(North East corner of 44th St. & Oak St.)

Phoenix AZ 85008

Phone: 602-955-1404

Authorized Reseller

Apple, Macintosh, and and the Apple logo are registered trademarks of Apple Computer, Inc.

September 21, 1989

About AzApple & The Journal

The 88/89Management

Officers:
President - Jerry Cline
V President - Craig White
Secretary - Paula Peterson
Treasurer - Barbara Hunter

Chairman of The Board:
Craig White

Directors:
George Anderson, at large
Mike Dennis, at large
Jack Fouquette, Historian
Steve Playford, at Large
Barry Prowell, Special Needs
Bob Smith, Membership
Jack Upfall, Fiesta Chairman

Submitting articles & ads to The Journal

Articles or advertisements submitted to the Editor of this Journal by the 1st of the month preceeding the date of publication will be considered for inclusion. AzApple reserves the right to edit all copy for space requirements.

Articles may be submitted for publication by sending them to one of the three AzApple Tree BBS AzApple Journal Editor's Libraries.
8N1, 300/1200/2400
The Arizona Apple Tree
602-264-3800
Special Needs Apple Tree
602-468-1835
Macintosh Apple Tree
602-870-1810

You can also send your article on disk to: Editor, The Arizona Apple User Group, 3035 E Topaz Cir, Phoenix, AZ 85028, or, bring an identified disk to the Editor at the next meeting. Your disk will be returned at the following meeting or by mail.

All rights reserved. Authors and Advertisers are responsible for the accuracy of their submitted material. The opinions expressed do not necessarily represent those of the Arizona Apple Users Group. No liability or responsibility is assumed by the Officers, Directors, or the Arizona Apple Users Group for advertised products or services.

Advertising in The Journal

The AzApple Journal format is 8.5 X 11 inches. Advertising rates are shown below. Specific page locations and stuffer ad services can be available on request, call for quotes. Photos must be black & white. A separate fee for shooting photos as half-tone screens applies. Camera ready ads or in Macintosh PICT, EPS, or TIFF format received by the Advertising Manager prior to the 1st of the month will appear in the following month's AzApple Journal.
For details, call Jerry Cline - 602/992-7035.

Full page	**8.0 X 10" (Max ad size)**	**$60**
3/4 page	**40 - 60 Sq inches**	**$50**
1/2 page	**20 - 40 Sq inches**	**$40**
1/4 page	**7 - 20 Sq inches**	**$30**
Screening Photo		**$20 (Min)**

All ads must fit within a 10" high or 8" wide format
$10 off of the above prices for 12 consecutive prepaid ads.
Prepayment can be quarterly.
Business Card Ad $10/issue •12 issues $100 (One Payment)
Unclassified Ads:
Members - 20 words free then 5 cents/word - Min $1.00
Non-members - 10¢/word - min $2.50

For up to the minute information information about the next AzApple meeting, call our

24 Hour InfoLine
602/277-8511

...for a voice recording of the latest class schedule and coming attractions:

Regular Meetings
...are the 2nd Saturday of each month at METRO TECH, on the Southwest corner of 19th Avenue and Thomas Road in Phoenix, guests are welcome.

AzApple Aides:
(See Center Section)
Members may make free use of this help service available from AzApple volunteers .

Software Library:
Apple II
Mel Goodwin - 943-1733
Apple IIGS
Matt Stoner - 997-0548

Macintosh
Wayne Wilcoxon - 439-0736

A branch library of public domain disks is maintained at AzTech Computer, 4920 W Thunderbird Rd, Glendale, AZ.

Thanks to the following people for their regular and valued assistance in the production of The Journal:
George Anderson, Past Editor
Jack Fouquette, Past Editor
John Bohn, Editor's Staff
Craig White, Consultant
Wayne Wilcoxon, Mailing
Greg Parker, Mailing
Derek Cline
Barry Prowell
Bob Smith
and of course other regular contributors without whom The AzApple Journal would not be possible.
Jerry Cline, Editor

Editor /Advertising Manager
Jerry Cline
3035 E Topaz Circle
Phoenix, AZ 85028
602/992-7035

Editor Staff –
John Bohn
Jack Fouquette
Craig White

The Fine Print

The AzApple Journal
is published monthly by:
The Arizona Desert Apple Menagerie, dba
The Arizona Apple User Group
PO Box 34056
Phoenix AZ 85067-4056,
602/992-7035.
Distribution of the AzApple Journal is free to members. Membership in the Arizona Apple Users Group is open to anyone interested in Apple computers. Annual family membership dues are $35 for new members and $30 for renewal.

The Arizona Apple Users Group is a nonprofit Arizona Corporation, 501(C)(7). Started in 1978 and incorporated in 1981. AzApple is dedicated to the education and assistance for its members in the use of Apple computers and related products.

Permission is hereby granted to other nonprofit Apple user groups to reprint original articles and regular columns from this issue, if credit is given to the Author, The AzApple Journal, and the Arizona Azpple User Group. A copy of the Newsletter or Magazine in which the reprints occur shall be forwarded to the Arizona Apple Users Group. No other reproduction (electronic or print) of the contents is permitted without the express written consent of the Board of Directors of the Arizona Apple Users Group.

AzApple is an independent support group of Apple product users, and is not affiliated with Apple Computer, Inc. The following are trademarks of Apple Computer, Inc.: Apple II, Apple II+, Apple IIe, Apple IIc, Apple IIGS, Macintosh, Macintosh Plus, Macintosh SE, Macintosh II, Macintosh XL, Lisa, ImageWriter, ImageWriter II, LaserWriter, LaserWriter Plus, MacPaint, MacWrite, DOS 3.3, ProDOS, AppleWriter, AppleWorks, Applesoft, and UniDisk 3.5.

The AzApple Journal

The Arizona Apple User Group

November, 1989 Volume 13, Number 8

InSide AzApple

6 Traditional Turkey Dinner
Telecommunications Show What's Cooking
8 Virus Nothing To Sneeze At - Craig White
9 GS Developer Tool Kit
10 PC Bashing - Craig White
12 Calendar Of Events & SIG Groups
13 Apple Fiesta Update (Also see page 29)
13 Made On The Mac - Fender
15 Election Highlights
16 A Smaller Byte Of My Apple - Derek Cline
18 AzApple Aides
20 A Byte Of My Apple - Jerry Cline
22 The New AzApple Journal
New Look, New People & New Art
23 AzApple PD Libraries
23 Claris At November 18th Meeting
Update Your AppleWorks to version 3.0
24 Access ASU Online Library - Robert Swierski
26 GS Battery - Losing Its Stuff?
28 MacView of Guy Kawasaki's New Book
- Dennis Smith
32 Meeting Schedule and Announcement

NOTICE OF CHANGE!
The November Meeting is the 3rd Weekend, Nov 18

Working with other user groups through the
USER GROUP
CONNECTION

What's Cooking on Branch 19 Of The Apple Tree BBS?

by Branch Manager *Don Davidson*

Traditional Turkey Dinner

—> Feedback from an Apple Tree User <—

From =>DON DAVIDSON (#261) Date =>10/01/89 21:36:13

Although the following is from one of the many recipes you can find on our Apple Tree BBS, it was originally downloaded from America OnLine (Formerly AppleLink — Personal Edtion) Cooking Club.

Liz Waters is the 'Head Chef" for America OnLine, and this recipe is one of many that will make your epicurean telecom visit worth the call. Visit The Cooking Club next time you are OnLine, I guarante your baud will enjoy the downloads.

by Liz Waters

Is there anywhere a more American meal than a turkey dinner? At Thanksgiving and Christmas, families put aside the petty differences inherent to close relationships and gather around someone's dining room table. That table, be it mahogany covered with Irish lace or a card table covered in paper, groans beneath a rich harvest of American foods. Turkey and dressing, cranberry sauce, oysters, yams, and pumpkin pie are but a few of the standards. In this collection, I will endeavor to bring to you the best of the best. These are the dishes that AppleLinkers across the land find essential to a turkey dinner. Enjoy and have a wonderful and safe holiday season.

I think my father, Russell Banta, started the tradition in my family of serving shrimp cocktail prior to every momentous meal. This isn't a fancy, new recipe, but what was a staple in the home of my childhood.

Shrimp Cocktail

© 1988, Liz Waters

2 T Old Bay Seasoning
1 t salt
1 C vinegar
1 bay leaf
1 t peppercorns
4 C water

Bring above ingredients to a boil in a deep kettle. Add: 3 lb. fresh, beheaded shrimp.

Bring back to a boil, boil 5 minutes and drain. Flush with cold water. Peel and devein shrimp. Chill. Arrange on platter, drizzle with lemon juice, and serve with the following sauce.

Banta Shrimp Sauce

© 1988, Liz Waters

1/2 C Heinz Catsup
1/2 C Heinz Chili Sauce
1 T pickle relish
1 T (+ or -) grated horseradish
1 T Worcestershire sauce
a dash of Tabasco sauce
juice of 1/2 lemon

Mix together, chill and serve with boiled or fried shrimp (or raw or fried oysters, or fried scallops, or calamari.)

When I was a child, I would awaken on Thanksgiving morning to traces of the rich aroma of Mom's turkey, already cooking in the kitchen. The tantalizing scents of this wonderful meal filled the air as the day progressed. We kids wandered between the parades on television in the living room and the kitchen, where Mom bustled about, humming "I Heard Mr. Turkey Say Gobble Gobble Gobble" and "We Gather Together to Ask the Lord's Blessing". My mother loved to cook and was very good at it. This recipe is simply the way Mom did it. It is the way she learned from her mother, and carries her maiden name as its own.

The Warden Roast Turkey

® 1988, Liz Waters

1 fresh turkey, 16-21 lbs., with neck, and giblets
8-10 cups of stuffing
3 sticks butter

Wash turkey inside and out with cold salt water. Rinse and pat dry. Grease the inside of a large roasting pan. Stuff neck and trunk areas of turkey with stuffing (recipe below). Catch neck skin fast with a skewer or tuck under folded back wings of bird. Secure other end by tucking tail and legs under flap of skin left by butcher, or tying together with kitchen twine. Place turkey on rack in pan. Put neck and giblets in pan alongside turkey (Note. These will be done in about 2 hours and make a nice snack as turkey cooks.) Melt butter and pour over bird. Tent with aluminum foil, shiny side in. Roast in a 325 degree oven for 20 minutes per pound to an internal temperature of 175 degrees. Baste every half an hour with juices that accumulate in pan. Remove foil for last half an hour or so to brown the turkey. Let stand for 30 minutes before slicing.

Sage Dressing

Neck and gizzard from turkey
2 chicken boullion cubes
1 beef boullion cube
Handful of celery tops
1 onion

Put the above ingredients in a kettle, add about 1 1/2 quarts of water and bring to a boil. Simmer, uncovered for 1 hour. Strain out large pieces of vegetables. Add neck and gizzard to roasting pan alongside turkey.

8 cups dry bread crumbs
2 large onions diced
5 ribs of celery (tops included) diced
2 T Poultry Seasoning
1 t dried sage
Salt and Pepper to taste
Stock (above) to moisten

In a large bowl, shred dry bread crumbs (these crumbs can come from a combination of buns, biscuits, cornbread, sandwich bread, French bread use up all your bits and pieces from the bread drawer). Dice vegetables and add seasonings. Mix lightly. Mix in stock a little at a time until desired consistency is reached. Stuff loosely into turkey, reserving about a cup to season and thicken gravy.

Gravy

Pan drippings, reserved stuffing, cornstarch, water, salt and pepper to taste.

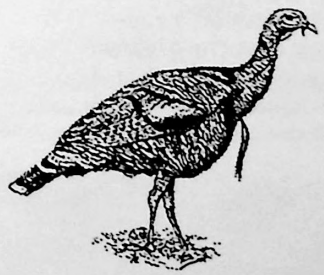
Pour juices in roaster into a glass measure and let stand to separate. Remove as much fat as possible from the surface. Pour back in roaster and place roaster on burner on stove. Add 2 to 3 cups of water, and bring to a boil, scraping sides and bottom of roaster. Add reserved stuffing, and mix in well with a potato masher or wire whisk. Simmer while slicing turkey and preparing rest of meal. In last few minutes, if gravy is still too thin, mix 1 Tablespoon Cornstarch to 1/4 Cup of water and mix in, stirring constantly until desired consistency is reached.

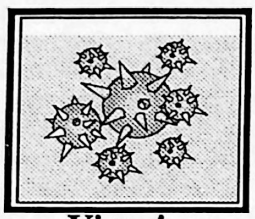
Not everyone considers a sage stuffing "The Official Dressing" for Thanksgiving and Christmas. In Kentucky, my home state, and areas further south, "The Official Dressing" of the majority is a cornbread dressing.

Cornbread Dressing

2 cups toasted bread crumbs
2 cups corn bread crumbs
3/4 cup chopped onion
3/4 cup chopped celery
2 tbsp. chopped parsley
1 tsp. Accent
Salt and Pepper to taste
1 tsp. poultry seasoning
4 eggs, slightly beaten
6 cups broth from turkey

Mix all of the ingredients together and stuff into turkey, OR mix all of the ingredients together and dump into a greased 8"x14" pan or casserole. Bake for 1 1/2 hours at 350 degrees. Dressing may be made ahead, put in pan, and frozen until needed...and then baked.





Virus!

Virus Hits And It's Nothing To Sneeze At!

By Craig White

Everything is great when all system s are running like they are supposed to, but when something goes awry we suddenly realize we could have been more careful...

My daughter was running 104 fever for three days, looking white as a ghost and acting lifeless. A trip to the pediatrician, one anti-biotic shot, one vitamin shot, 10 minutes on the breathalator and $ 122.00 later confirmed that she was hit with the viral croup. The reality is that there is little the medical profession can do to cure a virus. Symptomatic treatments such as aspirin and cough medicine are all they can offer since anti-biotics have little effect on viruses. I think that the greatest diagnosis made that day was mine...time to find a new doctor!

Viruses in the computer world are not much different. The wrong "doctor" and a mis-diagnosis can cost a bunch of time, money and valuable data. I read all about them in Time magazine, on the bulletin boards and on the online services but I never expected that I would come face to face with one of the germs. I had "Vaccine" installed just in case I ever needed it. As a consultant, I often hook up my hard disk onto other computers so I need to take precautions.

I got a desperation call from an acquaintance whose business is totally dependent upon her computer, saying her hard disk was dead, again. This being the third time in six months that her hard disk crashed, she was exasperated. I felt powerless to help since her system is under an extended maintenance contract with one of the large dealers in Phoenix and since it was a hardware problem, I would jeopardize her situation by fooling with it.

The service technician the dealer sent out, decided that a total reformat of the hard disk was necessary and of course she lost a large amount of work that wasn't adequately backed up (what does that tell you about regularly backing up?).

I went to her office two days later to help put her software back in order, proceeded to hook up my hard disk to her system and went to work. When I reinstalled Vaccine onto her hard disk, her computer refused to start up again (the same problem she had days before). Realizing that the hard disk was operating without the protection of Vaccine, I suspected and then confirmed that it was indeed a virus... specifically nVIR. She then related to me that the day before, her desktop publishing program informed her that it was infected with a virus and she "forgot" to tell me.

I gave her my analogy that hooking up my hard disk to her system is somewhat like having sex and thanked her for sharing the venereal disease. Of course the next hour and a half was spent eradicating the monster. In the two days that had occurred since her hard disk was freshly reformatted, the virus had infected FOURTEEN different programs (a very active virus)! It was a thrill to see a virus face to face but only because it was so easy to eradicate.

Perhaps one of the most frustrating things to me was the fact that she had the Vaccine program installed in the first place and failed to heed the warnings that it had given her (she had never read the documentation included with the program).

Cont. on page 11:

DEVELOPER TOOLKIT EXTENDS VIDEO CAPABILITIES OF APPLE IIGS

MOVED OVER BUSINESS WIRE AT 8:31 A.M. (E.D.T.) FRIDAY, SEPTEMBER 22, 1989
Contact: Janet Male
Regis McKenna, Inc
(415) 354-4427

Mark Abbate Video Production Controls
(617) 236-7006
SAN FRANCISCO, CA
September 22, 1989

Press release downloaded from AppleLink

Video Production Controls announced at AppleFest that it is working with Apple Computer, Inc. to develop a toolkit for the Apple IIGS computer that will allow software developers to incorporate videotape controls into their computer programs. Bernard Gifford, Ph.D, Apple's Vice President of Education, demonstrated a desk accessory that uses the toolkit, called the VidClip IIGS Developer's Toolkit, during his keynote presentation on Saturday at 10 a.m

The VidClip IIGS Developer's Toolkit is a software and cable package that will enable software developers to incorporate functions into their programs to control VHS and 8mm video cassette recorders (VCRs). Toolkit routines enable users to search, log, organize, assemble and play videotape materials. The toolkit uses the Control-L and/or Control-S protocols found in most Sony consumer VCRs and camcorders

A cable connects the VCR to the serial port of the Apple IIGS.

"We're excited to introduce a product that will help developers extend the ease and accuracy of computer controlled video to educators and other Apple IIGS computer users," said Mark Abbate, president of Video Production Controls
"Apple is pleased to be working with Video Production Controls to further extend the video capabilities of the Apple IIGS," said Gifford. "This new functionality is particularly significant to educators because most visual material is available — or created — in the videotape format, rather than videodisc. VCRs are also more affordable than videodisc players, so more of our users will have access to the technology.

Teachers could use a software program that incorporates toolkit functions to create and present lessons

Computers and video can be used together in many ways to create flexible and richly informative materials. The VidClip Apple IIGS Developers's Toolkit functions can be used, for instance, to create an interactive science program that runs various videotape segments depending on the responses of the student working with the program. Teachers could use a software program that incorporates toolkit functions to create and present lessons that incorporate video. Because video segments can be easily indexed and rearranged with the computer, presentations can be quickly tailored to the needs of a particular class.

Customers who want the full functionality of Apple IIGS computer programs that incorporate VidClip IIGS Developer's Toolkit routines will need video equipment with Control-L and Control-S ports.

The VidClip IIGS Developer's Toolkit will be available to developers late this fall through the Apple Programmers and Developers Association (APDA), Apple's distribution channel for programming and development tools. APDA can be reached in the United States by calling 1-800-282-2732. The Toolkit will also be available directly from Video Production Controls.

Video Production Controls, located in Boston, is a subsidiary of Videocraft Productions, Inc., one of New England's largest video production houses

Apple, the Apple logo and Apple IIGS are registered trademarks of Apple Computer, Inc.

Apple Press Releases
PR Express

PC BASHING

by Craig White

"The IBM PC and its various clones are holding the computer revolution back..."

...says an executive for the Phoenix Apple Computer, Inc. office. The computer has largely been the great unfulfilled promise of doing all the work, making our everyday lives easier, while allowing us to ponder the greater issues of life...the great lie, right?

While technological hurdles are being jumped almost daily, the bulk of the businesses buying into computer technology these days are receiving little more than what was available 10 years ago. In the age of computer technology...10 years is an eon.

Just over a year ago, my brother was showing me his "AT" clone with "EGA" graphics, expecting to impress me with the fact that on his color monitor and WordPerfect, his bold words were red, his underlined words were yellow and so on. I was impressed with such a great use of colors and lamented that my Macintosh was perpetually stuck in the black and white world. On the Macintosh **bold** words are **bold** on screen, and <u>underlined</u> words are <u>underlined</u> on screen meaning that what you see on the screen is what you get on the paper (not nearly as pretty as his color display and far fewer surprises).

The resourcefulness of software developers for the PC systems was not to be denied however...several of them scrambled to offer an easy to use operating shell within the mostly unintelligible DOS shell (has anyone ever read their DOS manual for fun?). Visi-Corp was first with Visi-On...may they rest in peace. Digital came out with their GEM, then came Desqview and finally came good ol' Microsoft with Windows. They are all losers since little of the available software supports any of these environments. Each new program purchased meant wading through manuals, tutorials and another page of instructions taped to the side of the monitor to use as a reference. What I fail to understand is...if people want an easy to use graphic interface...why don't they go out and buy a Macintosh? Is everyone that owns a PC or clone too proud to admit that they bought an 8 bit CP/M operating system modestly updated to allow them to coax their computer through the 80's?

Ok, I must be sounding pretty jaded but the truth is...I have a PC clone gathering dust at my house too. It is relegated to transferring data from other PC's to a much heightened usefulness on a Macintosh. I have been concentrating on a particular market to sell Macintosh, 80% of which already own PC's. When I tell them that I want to demonstrate a Macintosh, they typically show me their PC computer that's covered with dust and of course have little interest in another computer. Therein lies the rub...'cuz it takes a person with vision to accept the notion that the thousands of dollars they have already spent were in retrospect, ineffective.

I do have to give the PC industry credit for its contributions to the computer industry as a whole. First, the endless price slashing has forced the pricing down and consequently, the pricing of equipment in the Apple world has followed. Let's not forget the current crop of cheap, gutless, brainless laser printers that do little more than a daisy wheel printer, that seem to hit their stride when connected to a PC clone. And since the theme of this issue is dealers, how about the clone dealers that dot every strip shopping center, that offer yet another plain Taiwan made box, the darling of the "me too" generation. It seems as though half of these dealers go out of business

every week, only to be replaced by another one.

Of course part of my frustration lies in sympathy for the lonely Maytag repairman. As a Macintosh consultant, few people need a consultant to teach them the basics of operating the computer since it so damn easy to use. My consulting fees are derived from teaching higher levels of computer operation that many Macintosh owners are unfortunately willing to miss. I am envious of the vast amounts of work enjoyed by the PC consultants...after all someone has to write down the instructions on how to turn a PC on, turn it off and what to do when the computer sits there and does nothing but display an "A:" or "C:" prompt. Someone has to explain what the function keys on a PC do and why they do something entirely different with each program. Up to three years ago...I too thought that dBASE was the ultimate information system until I discovered that the expertise and unending hours developing a program in dBASE were unnecessary.

The Macintosh is not perfect...it's not the ultimate computer. It is however, easy to use. The revolution started five years ago!

Stay tuned...next month I'll start my series on 1001 uses for a PC computer. #1 is that they make a beautiful hi-tech planter.

Craig

Virus - Cont. from page 8

Let me assure you that viruses are real threats to your system. Some simple rules to follow to make sure that you are protected:

1. Install Vaccine and READ the instructions! Vaccine is freeware, available from any MacIntosh users group, bulletin board system or even the author.

2. Realize that any program you get including those in store bought packages are capable of spreading a virus (an actual case exists).

3. Backup your important data frequently!

4. Always write protect every new program disk you buy before you put it into a drive and never insert an original disk into a drive without the write protect feature on. Viruses cannot spread from data files...only executable programs.

5. If your hard disk begins doing spooky things, shut it off and find someone who knows what they are doing. If you need to recover important data from this disk, reformatting should be the last resort since all is lost at that point. Reformatting a hard disk is a symptomatic solution to another problem typically not solved merely by reformatting itself.

A word about Vaccine. It is an excellent utility. It occupies very little memory space but it does *not* save you from getting a virus. It's only purpose is to provide a warning that a program is attempting to modify a significant resource and asks you whether to allow it or refuse it. Going back to my sex analogy (It's obvious where my mind is at), Vaccine is telling you that you are about to have a sexual experience and asking whether you plan to enjoy it or not. If you are using Font/DA Mover, then you would expect that you are going to enjoy it. If you are a new desk accessory that you got from a friend, I doubt that you will enjoy it. Consider the program that is running and whether the program should be altering system resources.

Though Vaccine is freeware, a copy of the program can be had from its author for $10.00 to cover the cost of a disk, handling, etc. The disk will include other CE Software "freewares". CE Software can be contacted via mail at P.O. Box 65580 • West Des Moines, Ia. 50265.

Craig

Free
Subscription

The Southwest Computer & Business Equipment Review
delivered each month by mail to your home or office.

Offer only to regular members of The Arizona Apple User Group

Mail Form to:
Southwest Computer Revue
PO Box 1027
Scottsdale, AZ 85252-1027
602/946-5005

Name

Business Name

Title

Address

City State Zip

Phone #

Now in our 4th year of publication

Special Interest Group Announcements

The AzApple Journal SIG
8-9:30 AM - Lecture Hall.

The GS Roundtable SIG will meet at the November meeting from 8-9:30 AM in Room #2237.

Genealogy SIG 2:30 - 4PM in room #2237.

The Apple Fiesta SIG meets on the 4th Saturday at Dan Carroll's home. Call Jack Upfal, see page 29.

Music SIG - 8-9:30AM - Lecture Hall

Other Apple Computer Club Announcements

No extra curicular activities by other local groups were noted for this month

Calendar of Events

Whatever events you hear of, let us know what they are so we can track them here.

AzApple Meetings are on the second Saturday of every month. They start at 8 AM and go through the day to 4 PM. See schedule on page 32.

The Las Vegas Comdex Show:
November 13th-17th

Calendar for MacWorld Expos
The 1990 MacWorld Expo will be held in:
San Francisco April 10-13.
Boston from August 8-11

The 1991 MacWorld Expo will be held in:
San Francisco on January 10-13.
Washington, DC Macworld Expo -
April 16-19, 1991
August 6-9, 1991

MacWorld Exposition's recently completed fifth consecutive run in Boston this past August featured 400 companies with 47,000 attending.

Apple Fiesta '90 June 15-17

If you have news events that should be listed here, call Jerry Cline, 602/992-7035, or The Arizona Apple Tree 264-03800, and either leave Feedback to The SysOp or Post to Branch 2.

Sign on the wall at Maricopa County jury room:
You can
break dance
break hearts
break through
break even
break records
break up
break for lunch
break a leg
break away
break ground
break the ice
But don't break the law!

Apple Fiesta

Apple Fiesta, A very Special Event

June 1990, may seem like a long way off, but not if you're planning a computer show as enjoyable and informative as Apple Fiesta. This years event will be bigger and better than ever.

A fifty percent increase in exhibition space, more classes, more software and hardware demonstrations, more user group activities and more social events are being planned for this memorable three day weekend dedicated to Apple II and Macintosh computing.

All this activity will take place June 15th to 17th at the Sheraton Tempe Mission Palms Hotel in Old Towne Tempe. Room rates have been specially priced for Apple Fiesta at an incredible bargain of $38 per room. That's for a single or a double! And the price of the show will amaze you even more, $4 per day or half that price if you pre-register prior to May 1, 1990.

Now that I have your attention, I'll explain how we can bring you the latest information of interest to Apple II and Macintosh computer users at such reasonable costs. Apple Fiesta is a totally volunteer effort, and it takes many individuals such as yourself to pull it off. We could not put together an event of this caliber for a full three days in Fiestas' easy going, laid back southwestern style for such a bargain without individuals like yourself.

If you would like to take part in making Apple Fiesta 1990 a success and have a great time working with others in the user group, let us know. We would love to have you join us as a member of the Fiesta team.

You may call Jack Upfal at 963-9643 or Jerry Cline at 992-7035 or just talk to us at a general meeting. Have fun and get involved in the premier user group event of the year.

Apple Fiesta is the largest computer event for Apple and Macintosh computers of its kind in the Southwest. Hope to see you there.

Jack

"Made on the Mac"

by Ric Bowers

Thanks to Apple computer for putting their resources behind the numerous trade shows that provide a window for the public to see and hear what can be done on an Apple Macintosh computer.

The recent gathering at the South Pointe Resort was an appropriate setting for showing off the many ways in which to make use of the creative Mac. With ample parking, courteous service and refreshments at hand, you need only focus on the barrage of sights and sounds the exhibitors coaxed from their Macs as they demonstrated their products on the main floor.

Apple computer provided a demonstrative package called "Made on the Mac" stuffed with lots of desktop publishing examples to show off what the Mac can do with an eye towards the business community.

Also included in this package were two disks of HyperCard programs, one of which revealed how the Mac might be used for pre-production of TV commercials. To my knowledge, the Mac would be the first electronic sketch pad to be used this way.

Now when I am asked which world of computers I would recommend (IBM, Mac), I can simply break out "Made on the Mac".

Fender

Macintosh Plus

The Macintosh Plus personal computer gives you the most important benefits of the Macintosh family-power, versatility, and ease of use - in an affordable entry level system. Macintosh Plus runs most of the programs written for the Macintosh family.

The diiferent lies in the style. **Macintosh Plus** does not have internal cooling fan as is installed in the Macintosh SE FDHD and Macintosh SE/30. In addition, it comes with an older style and design non-ADB keyboard and non-ADB mouse.While most other computers in the Macintosh family, use 1.4 Meg FDHD superdrives, Macinosh Plus still comes with older style 800K built-in drive. **Macintosh Plus** is the only currently available model that does not have a provision for an internal hard drive. Unlike Mac SE, Mac Plus does not have an expansion slot.

With 1 Meg of RAM, Macintosh Plus is still the most economical system in the Macintosh family.

Macintosh Plus Computer (includes keyboard, mouse, system software, Hypercard) ----------$1249
Macintosh Plus Computer and **40 Meg External SCSI Hard Drive** ----------$1699
Macintosh Plus Computer and **62 Meg External SCSI Hard Drive** ----------$1799
Macintosh Plus Computer and **80 Meg External SCSI Hard Drive** ----------$1999
System Saver for Mac Plus ----------$65

Upgrades (Memory)

Memory Upgrade for Mac Plus upto 2.5 Meg $299, upto 4 Meg $549

Add 6.7% Sales Tax. All prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

(North East corner of 44th St. & Oak St.)

Phoenix AZ 85008

Phone: 602-955-1404

Authorized Dealer

September 21, 1989

Original created on the Mac II using a Laserwriter IINT X. Pictures scanned on Apple Scanner. Apple and the Apple logo are registered trademarks of Apple Computer, Inc

AzApple Election Highlights

Elections were held on Oct 14, 1989. A good return of absentee ballots were expected and received.

The voting tellers were: Dave Munter, Dr Woodson Young and Harry Sketo

Bob McKee precided over the Business Meeting and conducted the election process.

Those Elected

Seven Directors

Jack Upfal	963-9643
Jack Fouquette	839-7965
Barbara Hunter	772-6996
Paula Peterson	866-1650
Wayne Wilcoxon	439-0736
Bob Smith	247-9598
Barry Prowell	No Phone
Call Special Needs BBS	468-1835

Officers:

President	
Jerry Cline	992-7035
V. President	
Craig White	271-4422
Secretary	
Dianne Kinsman	569-9313
Treasurer	
Mike Dennis	839-4865

Opposition:
Not Elected as Officer
V Pres Gary Fields

Not Elected to Board
Karen Bonine
Mike Morrison

Although not officially elected to serve as Board member or Officer this year, an official invitation has been personally extended to each of those NOT elected to be involved in the management process of Azapple and we hope they accept and attend the meetings.

This is a very talented group of individuals and we will have an extraordinary year for AzApple. We have some interesting plans to really put AzApple on the map.

AzApple Board Meeting Minutes

Because The AzApple Journal we has been moved to an earlier mailing date, we were unable to include the minutes from the November Board Meeting. They will be included in the December issue and then the subsequent minutes will be in the following issues.

SPECIAL
Modem Offer
(I still have a few of my favorites left!)

• External •
Epic Mini 2400 $125

• Internal Apple // •
Epic Classic 2400 $125

• Internal •
Mac II 2400 $180
(gives extra serial port)

Jerry Cline
992-7035

"TAKE TIME AND TRAVEL"
Time Travel
18631 N 19th Ave •Ste 176, Phoenix, AZ 602/978-8900
6611 W Peoria • Ste F10, Glendale, AZ 602/878-2800
13808 N 51st Ave, Glendale, AZ 602/978-8900

Computer Cable Specialists
2432 E Indian School Rd • Phoenix, AZ 85016
Interface Cable assemblies for most computers and peripheral manufacturers
Cable Installation • Custom Cables • Fiber Optics
Robert Baker 602 955-0426

A Smaller Byte Of An Apple

by Derek Cline - Age 13

A review of: Comic Strip Factory

By - Foundation Publishing

The Comic Strip Factory is a neat program. When you want to make a cartoon for a magazine or a newspaper, it's perfect.

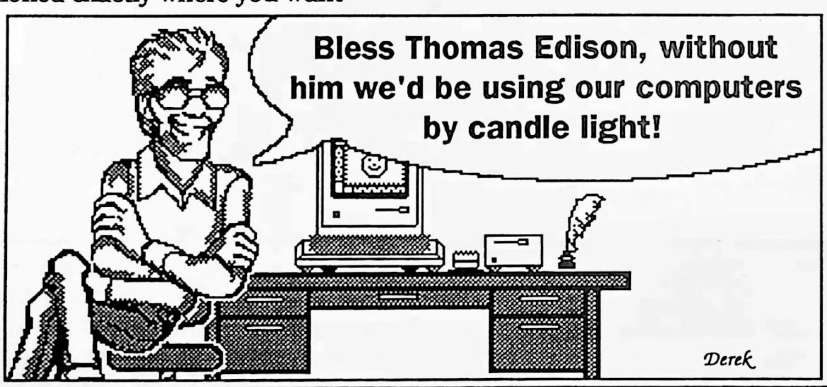
Comic Strip Factory comes with two data disks that contain the working files. Additional disks with different cartoon people, backgrounds, and other cartoon-related files are also available at additional cost.

When a new cartoon page is opened, the user is asked to select from one to sixteen frames. Using Comic Strip Factory, you can copy the combinations of characters and their parts, like hands, body, faces and so forth, and the comic strip backgrounds onto a blank cartoon page.

When copying and pasting from one page to another, graphics can be moved around as an object, without even using the lasso to capture and move them. In my book that is an advantage, because the pieces can be positioned exactly where you want them in each frame.

Comic Strip Factory has little buttons on the top of the window which allow rotation, duplication, zoom, paint, and other stuff. The convenient placement of the buttons makes it easy to move around.

This program is very helpful to me because it makes it possible for me to make the cartoon for my school newspaper, The Scorpion, and The AzApple Journal. This program can make fun out of a lot of hard work.



DEREK'S TOP TEN...

I review games for the Apple IIe, Apple //gs & Mac computers and I develop a top ten list every month. If you have anything you would like me to consider, please call:
Derek Cline
3035 East Topaz Circle
Phoenix, AZ 85028
602 992-7035
Leave E-Mail on:
The Arizona Apple Tree - #90
America OnLine - DerekCline

The **RANK** scale reflects how I feel about the game overall. NO game can get a complete 10 points unless the graphics, sound, and action is SUPER!... For the last and final point, it must be able to be installed on my hard disk WITHOUT the need of a key disk.

	Graphics	Sound	Action	Rank
1. Beyond Dark Castle - Silicon Beach	1	1	1	10
2. Final Assault - Epyx (IIgs)	2+	2+	2	9
3. Space Quest II - Sierra (Mac)	1	1	2	8
4. Tetris - (Mac and IIgs)	1	1	3	8
5. Skate or Die-Electronic Arts (IIgs)	1	2+	2	8
6. California Games - Epyx (IIe, IIgs)	1	1	2	7+
7. Ultima Trilogy-Origin (IIe)	1	1	2	7
8. Police Quest-Sierra (Mac and IIgs)	1	1	2+	7
9. Shufflepuck Cafe-Bruderbund (Mac)	1	2+	2	7
10 Man Hunter New York-Sierra (IIgs)	2	1	3	6

BrainChild Software

Is it true *BrainChild* Software has the largest selection of Apple software in the Valley at the best prices?

Visit *BrainChild* Software and find out for yourself!

BrainChild has home, business, and entertainment software, and features the largest selection of educational programs in the Valley.

Books, Accessories and software for:
Apple • Macintosh • IBM • Amiga • Commodore

Come in and satisfy your software needs at our
NEW STORE LOCATION

BrainChild Software

15820 N 35th Ave • Phoenix, AZ 85023
602 375-3298

(Midway between Greenway & Bell Rd
on the west side of 35th Ave)

Your Apple Software Headquarters

Information From Arizona's Best...

AzApple Aides

AzApple Aides are an added value to your AzApple membership, this is a list of people you can call when you are in need of assistance. AzApple Aides is a list of members who are not necessarily experts, although some are, on the item for which they are listed. They use or have had some experiance with the item listed, are familiar with it and may be able to help you through a problem with new software, printer, or whatever. Or, if you are considering a new purchase, you might want to check details with these users. These people are UN-paid volunteers. The phone given is generally their home number, so call at a reasonable and appropriate hour and be considerate of their time.

"A" = Apple // Family and "M" = Macintosh Family

ACCOUNTING/FINANCIAL

Dollars & Sense
Brian Abraham A 938-7258

Home Accountant
Don Ascoli A 839-3267

On Balance
Jerry Cline A 992-7035

Managing your Money
Dennis Smith A 953-1265
Ken Vatz A 312-447311

BEAGLE BUDDIES
(Assist w/Beagle Stuff)

David Blackwell A 892-4240
John Bohn A 955-8543
David Fein A 993-3038
David Scott A 977-2433

BUSINESS SOLUTIONS

Craig White M 271-4422
Andy Niemic M 971-4011

MacProject
Dennis Smith M 953-1265

DATA BASE APPLICATIONS

4th Dimension
Steve Playford M 843-8420

AppleWorks
Jerry Cline A 992-7035
Jim Lewis A 979-2060

General Manager
Al Coir A 846-7402

List Handler
Bob McKee A 945-2964

Magic Office System
Bob McKee A 945-2964

DESK ACCESSORIES/UTILITIES

Craig White M 271-4422

DESKTOP PUBLISHING

PageMaker
Craig White M 271-4422
Ron LaMee M 992-8309
Geo. Anderson M 895-6710
Andy Niemic M 971-4011
Jerry Cline M 992-7035

Publish It
Paul Langlois A 345-0004

GRAPHICS

MacDraw
Craig White M 271-4422

MacPaint
Craig White M 271-4422

SuperPaint
Ron LaMee M 992-8309
Geo. Anderson M 895-6710

Adobe Illustrator
Geo. Anderson M 895-6710

Freehand 2.0
Craig White M 271-4422
Andy Niemic M 971-4011
Geo. Anderson M 895-6710

Scanners

Dest Scanner
Geo. Anderson M 895-6710

Apple Scanner
Image Processing

ImageStudio
Geo. Anderson M 895-6710

DISK DRIVES

5-1/4" Floppy
Jerry Cline A 992-7035

Chinook Hard Drive
Jerry Cline AM 992-7035

Sider Hard Drive
Jerry Cline A 992-7035

GENEALOGY

Family Roots
Bob McKee A 945-2964

GRAPHICS

DazzleDraw
Neill McDill A 996-2516

General
Clayburn Juniel
A 274-6905

HYPERCARD

Robert Swierski M 894-1390
Craig White M 271-4422

LANGUAGES/PROGRAMMING

Assembly (6502)
Don Lancaster A 428-4073
Clayburn Juniel
A 274-6905

BASIC
Bob Smith A 247-9598

Fortran
Brent Gifford A 486-1938

PostScript
Don Lancaster A 428-4073

SuperPilot
Pete Lafford A 345-0515

ZBASIC
Tom Vincent A 263-8017

MUSIC

Music Writer Pro
Dave Freiberg A 345-8259
Paula Peterson AM 866-1650

OPERATING SYSTEMS

SYSTEM/FINDER
Craig White M 271-4422

GS/OS
Matt Stoner A 997-0548

CP/M
G Holmerud-Nye A 243-6136

DOS 3.3
Clayburn Juniel A 274-6905

ProDOS
Clayburn Juniel A 274-6905
Jerry Cline A 992-7035
Bob Smith A 247-9598

PERIPHERALS, HARDWARE

General Hardware
Bob Smith A 471-9598

Koala Pad
Ron LaMee M 992-8309

Shufflebuffer
Jack Fouquette A 839-7565

PRINTERS

Dot Matrix

ImageWriter
Jerry Cline AM 992-7035

Epson RX
Jack Fouquette A 839-7565

Okidata
Don Ascoli AM 839-3267

ProWriter
Willie Zunker A 943-0308

Daisywheel (Letter Quality)

Star Powertype
Jack Fouquette A 839-7565

Laser Printers

LaserWriter
Don Lancaster M 428-4073
Craig White AM 271-4422

PRINTER INTERFACES

Apple Dumpling
Don Ascoli A 839-3267

PUBLIC DOMAIN LIBRARIES

Macintosh
Wayne Wilcoxon M 439-0736

Apple II
Mel Goodwin A 943-1733
Matt Stoner A 997-0548

SPREADSHEETS

Magl/Ace/IAC-Calc
Bob McKee A 945-2964

TAX PROGRAMS

Tax Advantage
Bob McKee A 945-2964

TELECOMMUNICATIONS & MODEMS

America OnLine
Jerry Cline AM 992-7035
Jim Lewis A 979-2060

CompuServe
Steve Playford AM 843-8420

GEnie

Modems
Jerry Cline AM 992-7035
Steve Playford AM 843-8420
Bob Smith A 247-9598

ProTERM
John Kemper A 966-5802
Jerry Cline A 992-7035
Steve Playford A 843-8420

BBS
Jerry Cline AM 992-7035

Red Ryder
Robert Swierski M 894-1390
Geo. Anderson M 895-6710

WORD PROCESSORS, SPELLERS, ETC..

AppleWriter //e
Jerry Cline A 992-7035
Don Lancaster A 428-4073
Neill McDill A 996-2516

ApMail II
Bob McKee A 945-2964

AutoWorks
John Bohn A 955-8543

Bank Street Writer
Jo Walker A 488-3168

Magic Window //e
Jack Fouquette A 839-7565

MouseWrite
Neill McDill A 996-2516

ProTERM
Jerry Cline A 992-7035

Word Juggler
Brent Gifford A 486-1938

WordStar
Steve Schiefelbein A 862-4217

WriteNow
Joe Tvedt M 870-1810

Word (Microsoft)
Ron LaMee M 992-8309
Dennis Smith M 953-1265

Coach Professional
Geo. Anderson M 895-6710

MacWrite
Craig White M 271-4422

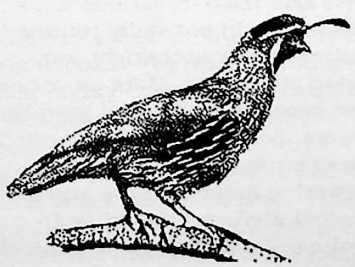
UTILITIES & ACCESSORIES

Need Names & Catagories

NOTICE: We really need your help as an AzApple Aide!

Help build AzApple by sharing your expertise occasionally helping others. In what related favorite areas could you assist?

Look for unlisted catagories! Call Jerry Cline, 992-7035 and say, "I see an unlisted catagory". You can even volunteer to the the AzApple Aide for that one (and others) if you like.



Arizona Apple/Mac User Group members are invited to join BIX's flat fee service at 25% off

BIX has turned off hourly rates

Unlimited BIX use for only $29.25 a quarter. That's 25% off our regular rate of $39 a quarter.

Now Arizona Apple/Mac User Group members are invited to subscribe for an unheard-of flat fee of just $29.25 a quarter for an annual subscription or $44.25 for a 90-day trial subscription. Not only can you get BIX for a flat rate, but you can purchase unlimited off-peak Tymnet for just $15 a month.

At these prices, why use a service with hourly rates?

BIX is the BYTE Information Exchange, the on-line resource most prized by the computer-using world since 1985. At $29.25 a quarter, BIX gives you information essential to your peak performance as a microcomputer pro for the same money you could easily burn up in about 2 or 3 hours on an hourly rate service. Your risk-free, one-year subscription may be cancelled at any time without further charge. Just notify us.

Here's what you get as a BIX subscriber:

More than 150 microcomputer-related conferences -- Connect with the experts on computers such as Macintosh, IBM PC and compatibles, the Apple II family, Amiga and Atari. Talk with programmers skilled in C, Pascal, Ada, BASIC, Assembler and other languages. And consult experts on operating systems including MS-DOS, OS/2 and UNIX.

Microbytes Daily -- The award-winning, on-line news service offers up-to-the minute industry news and new product information covering IBM PC and compatibles, Macintosh, workstations, cutting-edge research, and hot new products and technologies.

The full text of BYTE magazine -- Receive the text of BYTE magazine before it's in print. Even back-issue text is accessible.

Software libraries -- Browse dozens of software libraries, including those for PCs, Macs, Apple II, Amiga and Atari, and download free and shareware programs.

Vendor Support -- Get advice and information on using products and applications from more than a hundred hardware vendors and software publishers.

Electronic Mail -- This BIX service offers binary attachments to mail, so you can send spreadsheets, pictures, formatted word processing documents, or desktop publishing files.

Support Material -- Our menus provide a convenient map of the system, and include powerful options such as the BIX Index -- which lets you search all the BIX conferences. A special command interface lets you move around BIX quickly and efficiently, and a Quick Download option collects all your mail messages and new conference messages and sends them to you, saving you time. Subscribers automatically receive the BIX Command Manual, Menu Manual, and Simulation Diskette.

Subscribe to BIX right now -- on your computer.

You can call BIX directly, at 617- 861-9767 and pay no Tymnet rates, or you can purchase unlimited off-peak Tymnet for just $15 a month. You may also use Tymnet's low hourly rates and pay the fees of $2/hour evenings, weekends and holidays, and $8/hour weekdays. Set your telecommuncations program for full duplex, 7 bits, even parity, 1 stop bit, or 8 bits, no parity, 1 stop bit.

If you use Tymnet, call Tymnet Customer Support at 800-336-0149 for your local access number. Now dial your local Tymnet number; after the usual handshaking, you'll see a line of garbled characters (or a request for "terminal identifier"). Respond with a lowercase "a". Then you'll see a "please log in:" request, to which you should respond with "bix" and a carriage return. Next you'll see the prompt, "Name?"; enter "bix.aamug" here and you'll begin registration.

You can charge your BIX subscription to VISA, MasterCard, or American Express, have it billed to your company, or prepay by check.

If you dial directly, respond to the log-in prompt with "bix" and enter "bix.aamug" at the "Name?" prompt. Continue as with Tymnet.

BIX

One Phoenix Mill Lane
Peterborough, NH 03458
800-227-2983
In NH, 603-924-7681

A Byte of My Apple

by Jerry Cline, President AzApple

MAC WORLD

Mac World was interesting, but there was really nothing so big and so new that it would knock your shoes off. Of course, the fun new neat stuff was there as it always is. For example, you could get a device that would let you put a small window of regular TV in the corner of your Mac screen. Then you could watch Johnny Carson while you did your 'Late Night' spread-sheets. The TV sound actually comes from a small device which looks like a cable TV tuner. This is called MicroTV. The TV image is not in color even on a color screen, but it is fun, although expensive for a toy.

What is exciting is that things are getting more affordable for the consumer. Things like still video which allows you to take a snapshot with a camera that looks just like any other camera except it has some very unusual features. The camera I saw was a Canon brand, it looked like most other Canon 35 mm cameras except that instead of having a place for film, it had a small door which accepted a tiny disk. This little disk looks like, but is about half or a third the size of a conventional 3.5 disk and I think I heard that 60 images could be put on the disk. Obviously, this little micro-floppy does not need to be sent out for developing. The image is digitized and 'saved' as a file. That is a concept that will take some getting used to eh? I watched as the camera was used to photograph someone in the group I was standing with, then the disk was removed from the camera, put into a disk drive and the image was loaded to the screen. This is not new technology, but the price is. I heard that street prices on this product are in the area of $600 for the camera and several accessories. That means this technology will be coming into the home and then it will become really affordable. This is a toy that I certainly could not afford at this time, but would have fun trying to justify <smile>.

Well trained, anxious sales people are very willing to show their skills at demonstrating products while imparting their enthusiasm to onlookers, spreading it like a disease.

I read an article where President Reagan had signed some important bill some time back and a picture was taken with one of these cameras and then put into a computer, the picture was sent via a modem on the phone line, the photo was transferred to waiting presses and was running on the presses within minutes of the time that actual photo was taken. The possibilities of this kind of art are endless. I am sure law enforcement already has it in use.

The real fun is the fact that the market is so vibrant and alive. A lot of money is being spent on some really great looking booths these days and that is an indicator of where the market is. Well-trained, anxious sales people are very willing to show their skills at demonstrating products while imparting their enthusiasm to onlookers, spreading it like a disease.

The new drawing tablets are impressive. I stood in awe as I watched a character artist do quick sketches and print them out It won't be long before this technology will be at the various fairs and events. I can see a potential act now. The technology is in place to allow an artist to take pictures of people, and super impose images on cartoons and print them out. Perhaps, one could even sell a 3.5 disk with the image so it can be taken home and reprinted on our own equipment. Wouldn't it be fun to have a character sketch of yourself on file so that it would print on your own personal stationary? That has to be a business that is just waiting to be broached.

Graphic use of the Mac is the rage, and it does such a great job! Sounds were everywhere and of course new programs. There is an emphasis on using the computer for scheduling and I saw several programs at various cost levels and used in various ways to assist us in our daily routine of meeting our seemingly compacted schedules. More on sound later because I have just seen Ric Bowers, AzApple member, programmer and artist, create an answering machine tape and it sparked my imagination as to what can be done with Macintosh

sound recording equipment. He made a tape for my answering machine that is really professional. Like I said, more on this later.

Not Just Another Daily Reminder

One of the several programs I took time to watch was a demonstration by a company in a comparatively small booth named SYNEX. They had a couple of programs that really got my attention for being intuitive, simple and brilliant by simplifying daily tasks in an easy way that is easy and convenient to use.

One of their many programs is a daily reminder. I know, every company has one out now, but the part that separates this one from the others is that it prints out a day-at-a-glance form, the size is your choice, and when the form is printed, it can be cut and stapled with an average desk stapler onto provided stiff

"...make not only the custom daily planning pages, but even the cover."

leather-like covers. You could use the cover material of your choice, but the software is designed for the average use and the idea is sooo practical, its a clear winner! The book has room for notes and daily additions and can be disposed of or filed when the time frame for its use is finished and the next one started.

The day planning business is the fashionable Yuppie trend now and highly competitive. There are even schools that teach it and sell the day logs at very high prices. They go hand in hand with Rolex watches, BMW cars, if you see one, you see the other. There are also the everyday logs available through office suppliers plus the many computer generated ones from publishers like Mediagenic and Timeworks, et. al.. I liked this one and thought its competitive edge was thorough ease of use, simplicity and use of available materials to make not only the custom daily planning pages, but also the cover.

My curiosity piqued, I looked further into what was being done by this company. They also have a program that is an envelope printer. Using a LaserWriter, it will put the image onto an envelope that has your logo, return address, the address of the receiver and even translate and print the bar code of the addressee in the exact proper place on the envelope so that the postal reader machines can read it and speed your mail. I had never seen anything like this for the average user and I thought it impressive. This same software has several methods of sorting the mailing files as well as importing and exporting to other uses. So impressive, I may do a full review on SYNEX products in the near future.

The Chips Are Down

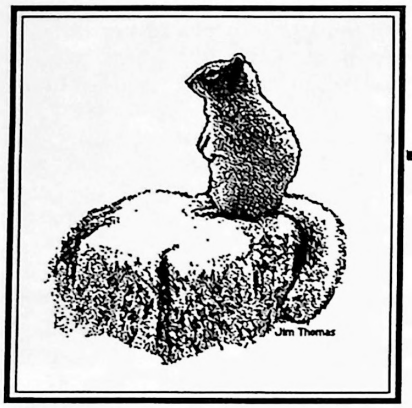
Memory is awash in its own juice these days. Chip prices have fallen off to about one fourth of what they were just a few months ago. Some dealers, one that I heard of, got hurt in the chip market. When the price was at $15 /chip and seemingly stable, this dealer bought some $10,000 worth at a good price. The very next week, I saw chips offered wholesale at $7, then $6, and it just kept dropping. The next prices I heard were $4 and then $3 at the wholesale level. Somebody got hurt - that is for sure. Just as this was happening, I had a customer tell me they had chips installed by one of the big Apple dealers in town and had paid an (ouch-whopping and unconscionable) price of... are you ready for this, $22 per chip, which, simple calculations tell you he paid $528 to get 24 chips to populate his GS RAM board. Not only the dealers get hurt when chip prices change rapidly eh? It pays to belong to a user group and know what is happening in the real world.

So goes the shift of things. I have always said that the computer market was metaphorically like a looong train and that every car that goes by is just a little better, and we know that. But we're all anxious to ride on one of those train cars and not get left behind. Sure enough, as soon as you make the move to get on, if you look back, you will see that the next car coming was better, if not cheaper than the one we took. But we have to be realistic. We cause it to happen. Manufactures of cars, stereos boats, televisions all know what we want and while we are getting excited about what is on the showroom floor, they are in the back room spending money we haven't even earned yet. It's the way we are and we love it. So don't complain that you just bought something that was obsolete before you got it home, enjoy it. Spend your money, get your enjoyment and don't think of it as a sunk cost investment. Think of it as a recreational

"...progress is planned obsolescence , but you enjoy it... we all do."

vehicle and that you are spending money for a trip which is certainly money you will never get back. To further put this into perspective, try selling those 35 mm slides of you and your family from the various trips you have been on... that should get a smile. Think about it — progress is planned obsolescence , but you enjoy it... we all do.

Jerry



The New AzApple Journal

by Jerry Cline

The New AzApple Journal

I feel very fortunate to have the opportunity to be able to publish The AzApple Journal. The knowledge and experience gained in the last two months completely publishing this major piece of work, are a part of that good fortune. Another VERY large part of the opportunity has come from the people that have called to give me their thoughts and good ideas. As soon as The Journal arrived at the member homes, I started getting calls. That is the first time I had ever heard so many comments concerning The AzApple Journal and what is in it. Thanks to all!

This month you will notice more changes - some that I have had stored up and many that have come from contributing members. Special art for the header boxes on the major articles was needed, and Ric Bowers reacted immediately to my many requests, putting his artistic talents to work on his new Mac SE. Dianne Kinsman supplied many of the short pieces and notes of interest. Of course many more dedicate their time, energy and expertise to The Journal but they will show up here soon. The Journal is open territory for anyone wanting to assist, get involved, express yourself or just sit and listen. Saturday mornings from 8-9:30 AM, we've started a Special Interest Group and we meet in the Lecture Hall. This issue was printed out as a draft copy and we all went through it, making needed changes and I think you will notice the difference. We would like to have you there. Also if you are a member of The AzApple Tree BBS, we have a special SIG Branch, B39 for The Journal, and we will be using that as an idea exchange.

The Journal Is Now A Showcase Of The Southwest!

There is more!! Jim Thomas called from Flagstaff, AZ. He was feeling good about having sold some of his new product, SouthWestern Clip Art via an ad he ran in The Journal a couple of months ago. Jim's company, is Creative Resources and in my opinion, he is a creative artist. As we were talking on the phone one day, we both arrived at the idea at the same time, that it would be a good alliance to use The AzApple Journal as a showcase for Jim's Work. WOW! Talk about an exciting opportunity, we now have the opportunity to use this top quality high class work to accent The Journal — or — is that visa versa? <smile>. You too can use Jim's work on stationary, cards or what ever creation you are inolved in. See his ad on page 23.

So, from now on, the South-Western clips that will be sprinkled throughout the Journal are Jim's compliment (litterally & figuratively) to The AzApple Journal.

WYSIWYG

Please Note: What you see here in The Journal, is more than what we got. If you are lookng for more Apple // info than what you see here, it has to come from some where, and I don't see much of it. This is your publication, and if you want it to reflect somethiing that it is does not at this time, please help us change that.

Current Journal SIG

Dennis Smith, Karen Bonine, Carol Schafer, Lane Garrett. I am really sorry, but one other member was there and I know the person, but now I don't remember who it was.

See you there at 8 AM November 18th. We will have the drafts of The Journal again and you can be a part of it!

Jerry

The management welcomes your views and comments with enthusiasm

AzApple Libraries Changing & Growing

Wayne Wilcoxon, the guy that has been putting in so many hours assisting Mel Goodman with the Apple // Library, just bought a Mac SE and having the strong back that he does, has taken on the Mac Library. So things are really starting to break loose there now. We have hundreds of megabytes of programs. Donations of disks by friends from The Dallas Apple Core, The Boston Computer Society, The Berkeley Macintosh User Group, just to name a few, are piled up all around Wayne's house now and he is starting to organize them.

Matt Stoner has taken on the job of Aple IIGS Librarian, Mat is also assisting as CoSysOp on several Branches of The Arizona Apple Tree. I sat in one of Matt's classes last month on the GS operation system, I was impressed! Matt has his stuff together, and I am glad he is there!

We will have a complete report on both libraries in the December issue because both Matt and Wayne are burning the midnight oil creating new disks of the month.

Term Of The Month

Sector:
A sector is the smallest portion of a storage device (such as a floppy or hard disk) on which data can be saved. Each sector on a disk is numbered and can hold a specified number of characters, usually 512 characters per sector. That is equivalent to about half of a typewritten page.

CLARIS

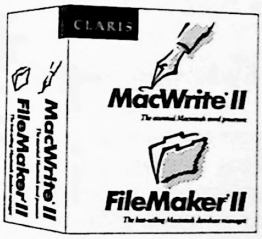
Presents AppleWorks 3.0 FileMaker II and MacWrite II At November 18 Meeting

Bring Your Old AppleWorks For Upgrade!

Invite a friend to the November 18th meeting...

...for a full day of education, entertainment and upgrades. Mike Hicks, Claris Representative, will be presenting AppleWorks 3.0, and an unprecedented service of upgrading AppleWorks owners to 3.0 during the meeting. Mike will make two presentations during the day, AppleWorks 3.0 for the Apple // family from 10 AM to 11 AM, and MacWrite II and FileMaker II from Noon to 1 PM. The upgrade is a first with Claris, and will save you the trouble of doing it through the mail. Get your questions answered, save mailing fees and avoid the wait and and handling costs, and have the newest, latest AppleWorks direct from the Claris rep in person for $79.

MacWrite II
The essential Macintosh word processor.



FileMaker II
The best-selling Macintosh database manager.

The latest in FileMaker II and MacWrite II will be demonstrated from Noon to 1 PM. See the latest additions on the winning Macintosh database, FileMaker II allowing mail merge with MacWrite.

See page 32 for further details.

Jim Thomas, President
Design & Sales, Inc. dba
Creative ReSources
P.O. Box 488
Flagstaff, AZ 86002
602-774-2147 • FAX 774-4647
Desktop Publishing, Consulting, Computer Graphics
Printed Product for Business Promotion & Education

Down Links Connecting AzApple...

Accessing Arizona State University Library's Online Catalog

Self Improving via Telecommunications Using The Personal Computer

By Robert Swierski

Have you ever found yourself thumbing through past issues of your favorite microcomputer magazines looking for an article that you know you saw months ago but you can't remember which issue it was in?

Or have you ever wanted to have an encyclopedia at your finger tips but could not afford the price of a set of books that would probably spend most of their time sitting unused anyway?

There may be solution to these two problems. You could use your microcomputer with a modem and telecommunications software to access Arizona State University Library's Online Catalog. The Catalog gives you access to over three million records, Grolier's electronic version of their American Encyclopedia, and a number of other databases.

Anyone can access the Catalog. You do not need to be an ASU student, staff, or faculty member. The service is provided free of charge and there are telephone numbers available in the Tempe area and the West Valley area. You may incur a toll charge if you are calling from outside the Phoenix metropolitan area.

The Catalog is available twenty four hours a day except every Wednesday from 5 a.m. until 7 a.m. for system work. There are also other phone numbers that you can call if you have questions about the Catalog or if you need technical advice on connecting to the system.

Using the system is relatively easy, especially if you are an experienced telecommunications user. The interface is menu driven and if you make a mistake you can easily correct it. Once you begin using the system, you may find yourself browsing just for the fun of it.

If you are a student, then the Catalog will not only save you precious time doing research; it will also help you write that term paper. While I'm not encouraging plagiarism, I do believe that any student should be able to copy and paste certain information into their work such as historical dates, locations, scientific names, etc. Even high school students should be able to utilize the Catalog.

There are some limitations to the Catalog. All of the information is text. There are no graphics, photographs, or maps. You will not be able to retrieve the full contents of journal or magazine articles. You will still have to go to the original source which does not necessarily mean that you will have to go to the ASU Library. You may find the magazine in your municipal public library or you may be a subscriber to the magazine. For example, I have found that MacUser is included in the Catalog and have been able to locate the exact issue and page number of an article by doing a search online.

Access Procedure

You will need to set your communication software to these settings:

Duplex: Full
Parity: Even
Data Bits: 7
Stop Bits: 1

You can access the Catalog at 300, 1200 or 2400 baud.

In the NE Phoenix area you can use any five phone numbers:
965-7001, 965-7002
965-7003, 965-7004
965-7005.
NW Phoenix:
931-5011 or 931-0808

It is very rare that all of the lines are busy. I set my communications software to dial the first Tempe number and occasionally have to use one of the other numbers.

Once you make the connection there are a few steps for you to enter the Catalog:

1. Press the carriage return a number of times. The exact amount varies depending on your baud rate. The range is from 8 for 300 baud to 4 for 2400 baud.

2. At the prompt DESTINATION type LIBRARY and a carriage return.

3. Identify your terminal type. All Apple and IBM users are of the same type. If you are using one of these type then you enter a 2 followed by a carriage return.

4. Press the carriage return at the next prompt which tells you to do exactly that to enter the Catalog.

From here you will be presented with a menu of 17 different options from which to choose:

Encyclopedia

The Academic American Encyclopedia, published by Grolier Electronic Publishing, Inc. is the equivalent of a 20 volume printed encyclopedia. It contains over 30,000 articles of general interest in the humanities, science and the social sciences, as well as information about sports and contemporary life. Many biographies are included and the information is updated regularly.

ASU Newspaper Index

The ASU Newspaper Index is a guide to newspaper articles that have appeared in ASU Insight and the State Press. The index covers stories about the University and its academic and administrative offices, in addition to referencing student, faculty, and alumni organizations and activities. Special campus events and sports activities are also cited.

Career Services: Company

This database has over 2000 company names and addresses for which Career Services has information. The Center has books and information on career planning and occupations, government agencies, job listings, education requirements, grad schools, orientations, workshops and dates companies will be interviewing on campus.

Career Services: Calendar

This database lists orientations, workshops, special events, jobs, advisement, and recruiting master list.

Career Services: Books

This database has over 500 books that are available in the Career Services Development Center.

Humanities

The Humanities Index indexes 295 English-language journals in the general field of language and literature, folklore, philosophy, religion and theology, performing arts, classical studies, history, archaeology, area studies and related subjects.

Applied Science & Technology

The Applied Science and Technology Index covers 335 English language journals in the general fields of engineering, computers, chemistry, applied mathematics, energy, and a wide variety of applied sciences.

Social Sciences

The Social Science Index covers 300 English-language journals in the social sciences including sociology, social work, political science, human services, ethnic studies, psychology, and related areas.

General Sciences

The General Science Index covers 111 English language journals in the physical, life, and health sciences including astronomy, biology, earth science, physics, the environment, nutrition, health, oceanography, physiology, and zoology

Education

The Education Index covers 353 English-language journals in all areas of education including pre-school, elementary, secondary, higher, adult, vocational, special education, teaching methods, administration, and other related topics.

Business

The Business Periodicals Index covers over 300 English-language business journals in areas such as management, marketing, economics, transportation, computers, specific industries, businesses, trades and other topics.

UnCover

This database contains records describing journals and their contents. UnCover will soon include more than 10,000 titles, and descriptions of over 600,000 articles will be generated each year. Articles can be retrieved individually or displayed as the table of contents for any given journal issue.

Cont. on next page:

Cont. From previous page:

Maps Index

The Map Collection has over 150,000 maps and aerial photographs which cover a wide range of subjects and locations worldwide. Types of maps available in the collection include: topographic and geologic maps, aeronautical and nautical charts, road maps, city plans and a wide variety of maps produced by federal agencies. This database also includes historical maps of Arizona and the Southwest.

Solar Energy Index

The Solar Energy Index covers journal articles, patents, pamphlets, technical reports, manuscripts and other material on alternative energy topics such as solar, wind, ocean and biomass. These materials, from the late 1800's to the present, are part of ASU's extensive Solar Energy Collection.

Final Comments

In most cases, you then do your search using a single character: N for a name search, W for a word search or B to browse the database by title.

There is no time limit on your access. The maximum that I've been on was about two hours for one session. You will loose your place in the search if you do not respond to a prompt within about two minutes. In all cases it is advisable to save your search to disk where you can read through it at your leisure offline.

Using the ASU Online Catalog is both fun and educational. There are many microcomputer users who can make use of it even if only occasionally. For those who do not have a modem, the Catalog may be a good reason to purchase one.

When you do want to end a session just disconnect.

Robert

Classified Ad:

For Sale
Okidata u93 with 2 printer boards and extra cables and ribbons.
Stanton Harris

Overbyte: When you have more information to store in your computer than you have room in memory.

Overheard at a cafe:
"If you really loved me, you wouldn't have married me!"

"Never eat more than you can lift." - Ms Piggy

Wheeze: Basic skill used for laughing or coughing with stitches.

When the tough get going, let sleepy dogs lie.

Is Your GS Battery Losing Its Stuff?

...you make changes in the Control Panel, turn the mahine off and on , but they changes are not their!?

First symptoms of battery failure in an Apple //gs is a 40 column display even if you have it set to come up in 80 columns. and any changes made to the clock, RAM or slots don't take effect when the machine off and then on again, a low battery is probably the culprit. What happens is this: When you make a slot change or a memory change, you must turn the machine off and back on again in order for the machine to know that the changes have been made. The trouble is, the changes that are made, must be remembered and since the battery on the mother board is not allowing the memory in RAM to remember the changes, it can not know what happened or is happening from the time the power went down.

Apple // GS batteries can be installed quite easily even though they are soldered to the mother board. There are two general types battery installations. One type is soldered directly in place of the old and the other is clipped in place. Actually, the so-called clip-type is the regular battery with the leads wound around a needle like a pigtail. The pigtail is then slipped over the existing battery leads that have been purposely clipped long, leaving a wire to slip the pigtail over. Both types are available. The clipped one is being ordered for members by Doug Singleton and if you prefer that the identical battery be soldered in place, call me and I can do it for you. Lithium batteries are not toys and can be dangerous. Be careful how you handle them and dispose of them. In quantities, Lithium batteries are considered hazardous waste.

Doug Singleton 893-7839
Jerry Cline 992-7035

Mac SE FDHD and Mac SE/30

New **Mac SE FDHD** offers you **1.4 Meg 3.5" drive** which can **read and write** to:

800K Apple ProDos
1.4 Meg OS/2 format
720K MS DOS format
400/800K Mac format

We think Macintosh SE FDHD with 68000 microprocessor is the most cost effective computer in terms of what you get per dollar you spend, whether you use it for school or college homework, word-processing, spreadsheet, or desk-top publishing.

Mac SE FDHD with 1 Meg RAM, 40 Meg hard drive, standard keyboard...$2499
Mac SE FDHD with 1 Meg RAM, 100 Meg hard drive, standard keyboard.$2799

Mac SE/30 with 68030 microprocessor and 68882 co-processor provides speed for applications requiring additional power.

Mac SE/30 with 2 Meg RAM, 40 Meg hard drive, standard keyboard.....$3599
Mac SE/30 with 2 Meg RAM, 100 Meg hard drive, standard keyboard.....$3999

Upgrades (Memory & Hard Drive installation):

Memory Upgrade for Mac SE or Mac SE FDHD upto 2.5 Meg $299, upto 4 Meg $549
Memory Upgrade for Mac SE/30 upto 4 Meg.....$549, upto 8 Meg.....$1049
Hard Drive installed in your Mac SE: 40 Meg $399, 100Meg $799

Add 6.7% Sales Tax to all prices. All prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

(North East corner of 44th St. & Oak St.)

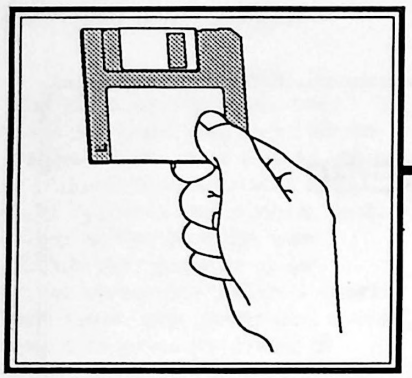
Phoenix AZ 85008

Phone: 602-955-1404

Authorized Reseller

September 21, 1989

Apple is a registered Trademark of Apple Computer Inc.



MacView

by Dennis Smith

Macintosh Reviews

Way Out

by Dennis Smith

"The Macintosh Way", by Guy Kawasaki (Scott Foresman and Company) is not just another business book. It is almost the business book "for the rest of us." In 200 pages, it says more about how startups and competitive hi-tech companies must act in today's world than any other business or 'Apple' book that I have read.

Kawasaki's experiences with the Macintosh and Apple provide an interesting and rich background. His work with ACIUS and 4th Dimension, along with his experiences with John Sculley and other 'High Priests' of the personal computer world, provide insights that sometimes exceed those of more noted authors.

Some traditional old-school thinkers may dismiss this book due to its casual and often off-handed style. Some of the quotations and descriptions of incidents are more pointed, and perhaps more embarrassing to the persons involved, than those that you would find in most business books.

The messages that Kawasaki portrays are on target, and the semi-guerilla tactics he describes are on the mark for what it sometimes takes to survive. He preaches to "Implement before anyone changes his mind (or catches you)" and to "Ask forgiveness, not permission". Radical stuff for slow moving businesses, but essential for tomorrow's leaders.

His descriptions of the care and feeding of 'tweaks' and the computer 'cult' are overlooked by other books, but are very real parts of the personal computer business, and perhaps show the way to win with new products.

He describes how to nurture the developers and programmers whose creative output is the essence of a product. His observations about what works are right on the mark.

The humor and entertainment value is also top drawer. He defines beta software as "beta than nothing". Frequent use of sometimes funny and sometimes thought provoking 'exercises' and footnotes provide a great pace to the book.

I recommend this book to anyone in the business. Persons with closed minds need not apply, but perhaps they aren't in 'the business' anyway.

THE MACINTOSH WAY

by Guy Kawasaki

Letter from Guy Kawasaki:
July 25, 1989

The Arizona Apple User Group
% Jerry Cline
3035 E Topaz Cr
Phoenix, AZ 85028

Jerry -

I really appreciate AzApple's interest my book. The following will give them a good idea of what it's about — basically, doing the right things and doing the things right.

If there is interest in bulk purchases, a carton of 26 copies is available for $364.00 ($14.00/book). There is a $35.00 shipping and handling charge, ($399.00 or $15.35/book to Arizona).

Thanks again

Sincerely

Guy

Cont. on page 30

Apple Fiesta Committee Leaders

Sponsored by The Arizona Apple User Group

Registration Director
Dianne Kinsman
602/569-9313

Exhibitor Director
Jerry Cline
(602/992-7035
Barbara Hunter (Apple//)
602/772-6996

Education Director
John Little
602/931-2895

Special Needs Director
Michele Taylor
602/942-4374

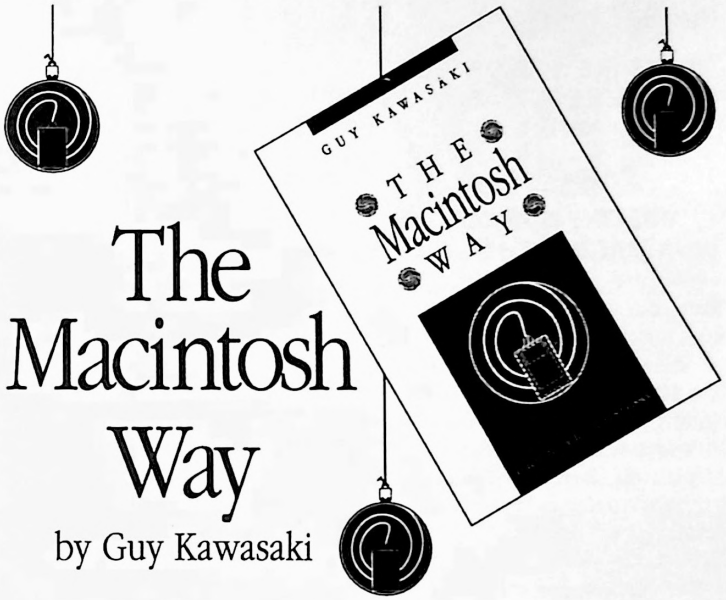
Advertising Sales
Jerry Cline
602/992-7035
Wayne Wilcoxon
602/439-0736

Speaker Director
Mike McCarthy
602/877-2755

Fiesta Chairperson
Jack Upfal
602/963-9643

Good news travels!

A note of interest is the number of Apple Fiesta T-Shirts that wre being worn at Apple Fest, and the really interesting note is, they were being worn by people that had attended Apple Fiesta, but were NOT members of AzApple.



The Macintosh Way

by Guy Kawasaki

Give the right gift.

Are you looking for the perfect Christmas gift for a Macintosh owner? Can't find a Macintosh portable[1] in stock? Hong Kong too far away? Countaches sold out at your Lamborghini dealer? Give The Macintosh Way. *It's the thought that counts.*

	The Macintosh Way	Macintosh Portable	Imitation Rolex President	Lamborghini Countach
Cost	$19.95	$5000.00	$25.00	$175,000.00
Availability	Local bookstore	Backordered	Hong Kong	Italy
Warranty	90 months	90 days	90 minutes	90 tickets
Competition	None	Toshiba	US Customs Dept.	Testarossa
Performance	0 to 220 pages, 2 hours	0 to Desktop, 30 seconds	NA	0-60mph, 4.7 seconds

Get the right gift.

Exercise: *Tear this ad out. Give it to your spouse, friend, or boss. See if you get* The Macintosh Way *for Christmas.*

	The Macintosh Way	Mousepad	Socks	Tie
Cost	$19.95	$10.00	$8.00	$40.00
Fulfilling	✔	-	-	-
Inspiring	✔	-	-	-
Entertaining	✔	-	-	-
Returnable	-	✔	✔	✔

Published by Scott, Foresman and Company.

1. A portable is a computer that is too big, too heavy, and too expensive to be a laptop. This is because French people have big laps and employee discounts.

Guy: Cont. from page 28

"DOES THE WORLD NEED ANOTHER BOOK ABOUT APPLE?

NO —
THIS ONE IS ABOUT MACINTOSH."

This is a special book. It was written from the heart of one of the high priests of the Macintosh religion. It is meant for people who want to learn about Macintosh, Apple and the business of high technology. It will delight the Macintosh aficionado as much as it will entertain the uninitiated.

"The Gentle Art of Verbal Self-Defense this book is not. The Macintosh Way is the take-no-prisoners guide to guerilla marketing warfare in the personal computer software industry. I trust it will upset and delight the right people."

From the Forward
by Jean-Louis Gassee
President, Apple Products

TOPICS
- Corporate environment
- Product development
- Marketing
- Support
- Evangelism
- Sales and Distribution
- User Groups
- Trade Shows
- The Press
- Product demos
- Motherships
- Competitors
- Presentations
- Dating and marriage

WHAT THE EXPERTS SAY...

An acerbic, irreverent, fun book. It should be printed in red, because people will shortly be quoting from Chairman Guy's book.

Jerry Borrell
Edtior-in-chief, Macworld

This book is a guide to modern business: how to treat your employees, partners, and customers like real people. Read it today!

Stewart Alsop
Editor and Publisher
P.C. Letter

Guy Kawasaki was there from the beginning as our Zen Master, leading the way with "zeal and fervor." This book will start you down the path to enlightenment.

Charlie Jackson, President
Silicon Beach Software

This book is the first history of the Macintosh that really gets into the trenches and explains the phenomenon from a true insider's perspective.

Dave Winer, President
Userland Software, Inc

The Macintosh Way is a thoroughly entertaining and thought-provoking book. For those of us involved with the Macintosh, it is a refreshing inside look at the values that produce great products.

John Warnock
CEO and Chairman,
Adobe Systems, Inc

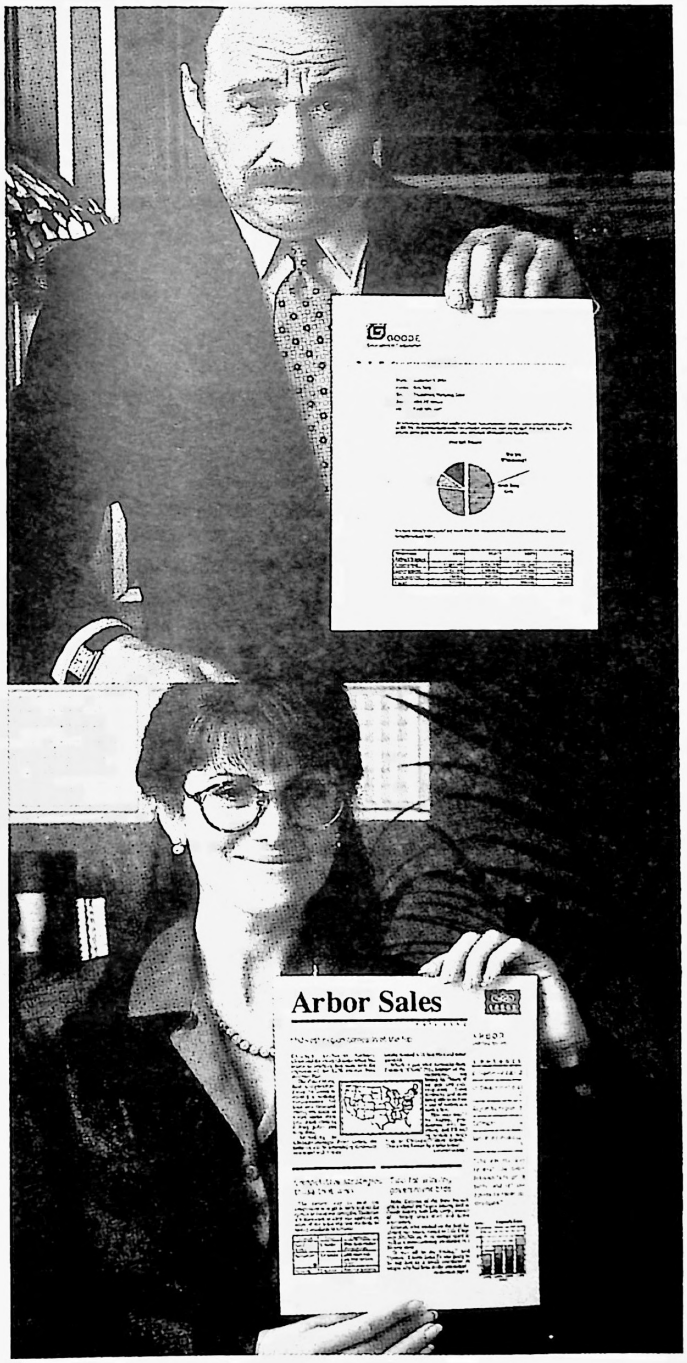
Published by Scott Foresman and Company
Glenview, IL

Available at your local bookstore.

Specifications	The Macintosh Way	West of Eden	The Journey is the Reward	Odyssey	The Little Kingdom
Price	$19.95	$19.95	18.95	$21.95	$16.95
Graphics	X	-	-	X	-
Org charts	X	-	-	-	-
Maps	X	-	-	-	-
Exercises	X	-	-	-	-
Footnotes	X	-	-	-	-
Funny	X	-	-	-	-
Sarcastic	X	-	-	-	-
Irrevererent	X	-	-	-	-

Those interested in buying Guy's book in quantity -
call me, and I will coordintate the orders.
Jerry Cline 992-7035

There's a Word for people like you.



Whether you're a marketing maven on your way up, or a seasoned executive simply trying to make your point, when it comes to putting thoughts down on paper, Microsoft is the Word for you.

And our users aren't the only ones who think so. Recently, the editors of *Mac User* gave Microsoft® Word version 4.0 the highest rating of any Macintosh® word processing program. Period.

Not altogether surprising. You see, besides being perversely committed to R&D, we use a highly sophisticated approach to improving our product. We listen.

All of which has led to innovations like Word 4.0's powerful Table feature, enabling users to create side-by-side paragraphs, lists and even forms, without the hassle of dealing with tabs.

What's more, Word 4.0 can even import Microsoft Excel tables and charts and automatically update them. Making it easy to ensure accuracy. Plus, Microsoft Mail can be sent from within Word 4.0, significantly boosting workgroup productivity.

For something a tad more informative than this ad, call (800) 541-1261, Dept. K25, to receive a brochure or the location of your nearest dealer. You'll find that no matter what type of word processing you're performing, you could be doing it better. Just take our Word for it.

Microsoft®
Making it all make sense™

Customers inside the 50 United States, call (800) 541-1261, Dept. K25. In Canada, call (416) 673-7638. Outside the U.S. and Canada, call (206) 882-8661. © Copyright 1989 Microsoft Corporation. All rights reserved. Microsoft and the Microsoft logo are registered trademarks and *Making it all make sense* is a trademark of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc.

November 18th Meeting = Claris!!

IMPORTANT! The November meeting is the 3rd weekend instead of the usual second weekend because Metro Tech School is closed for the Veteran's Day legal holiday the second weekend. Sorry for this inconvenience.

See Page 23 for details on Claris presentations and AppleWorks upgrade during the meeting.

Class Schedule

8 - 9:30 AM	
DESKTOP PUBLISHING: The AzApple Journal Special Interest Group	Lecture Hall
MUSIC SIG: Tune into this one	Lecture Hall
SEEDLINGS Meeting: Rad happenings for hi-tech kids	2205
MACINTOSH NEW USERS: Put your Mac on the right track	2235
Apple][GENERAL UTILITIES: Learn techniques from the expert s	2234
GENEALOGY SIG: Get to the root of it all	2224
APPLE][GS Roundtable: Discussions of general interest	2237
9 AM - Noon	
LIBRARIES OPEN: Apple // & Macintosh	Lecture Hall
10 - 11 AM	
APPLE // PRESENTATION: Michael Hicks of Claris with Appleworks 3.0	Lecture Hall
11 - Noon	
GENERAL MEETING	Lecture Hall
Noon - 1 PM	
MACINTOSH PRESENTATION: MacWrite II & FileMaker II Demos	Lecture Hall
12:30 - 1 PM	
AZAPPLE BOOT CAMP: How to get the most from AzApple	2237
1 - 2:30 PM	
Apple //e-//c NEW USERS CLASS: Learn to do it right	2205
Macintosh HYPERCARD Class: We'll stack this one against anybody's	2235
APPLEWORKS GS Class: Spread your time on this layout	2234
ADVANCED][GS USERS Class: Programmers byte here first	2237
TELECOMMUNICATIONS Class: This class is the talk of the town	2224
SPECIAL DEMO-America Online for Apple //& Mac with Free Software	
2:30 - 4PM	
Apple][GS NEW USERS Class: Mousing around with the BASICs	2224
APPLEWORKS: How to use classic versions 2 & 3	2205
MACINTOSH UTILITIES: All the tricks of the trade	2235
Apple // DESKTOP PUBLISHING Class: Here's the high-tech scoop	2234
GENEALOGY Special Interest Group	2237

December Meeting

Margo Demas From TimeWorks presents Publish It II for the Apple // family from 10 - 11 AM and Publish It for the Mac in the Noon - 1 PM.

Family Membership Application, Renewal Form & Information Update

Please fill in ALL catagories

Please Return this completed Form with your check made payable to:

The Arizona Apple User Group • PO Box 34056 • Phoenix, AZ 85067-4056

Info Change Only ____ New $35 ____ Renew $30 ____ Cash ☐ Check ☐

Name_____ Phone (_____)_____

Address_____ Don't list phone number in member roster -> ☐

City_____ State_____ Zip_____

I am interested in these computers:

☐ Mac SE ☐ Other Mac ☐ Apple //e ☐ Apple II

☐ Mac II ☐ Apple GS ☐ Apple //c ☐ Apple Compat.

Answering these questions helps us to understand your current interests and how we can better assist you in learning more about using your computer.

1 - Y___ N___ Would you assist with the public domain library?

2 - Y___ N___ Would you teach classes? 3- Y___ N___ Would you write for The AzApple Journal?

4 - Do you use your computer; ____ Every day ? ____ A few times each week? ____ Few times a month?

5 - List favorite programs or Speical Interests.

A - _____ C - _____

B - _____ D - _____

6 - About how many meetings do you attend in a year: (Circle one) 12 11 10 9 8 7 6 5 4 3 2 1 0

7 - List favorite classes you've attended and any you would like to see in the future. _____

_____

8 - Which telecommunication, services do you use, and about how many times per month do you call these services?

_____None _____GEnie _____Compuserve _____ BIX Byte _____(Name Other)_____

_____The Arizona Apple Tree _____Special Needs Apple Tree _____Mac Apple Tree _____America OnLine

9 - On a scale of one to ten, how do you feel about The AzApple Journal (circle a number).

Dislike **1 2 3 4 5 6 7 8 9 10** Like

10 - Y___ N___ Would you be willing to suggest changes so as to make AzApple better for you and your family, and may we call you for councel?

11 - **Are you be willing to learn more about your computer by getting involved in group activities, and may we call you about this?**

☐ **Yes!,** I WANT TO LEARN - GET ME INVOLVED!

AzTech Computer

Apple Compatible Printer
Connect to IIgs Port or SS Card
$239

3.5" 800K Disk Drive
Daisy-Chain & Connect to IIgs Port
$219

5.25" 1/2 Height Disk Drive
Daisy-Chain w/ Apple Drives
$139

13" Color Monitor
Use as RGB or Composite
$329

AE Conserver IIgs
Fan- Surge Protection-Power Director
$99

2400 External Modem Pak
Point-To-Point & Cable Included
$219

3.5" Disk Storage Case
100ct w/Lock
$9.50

RamWorks III
II+ IIe 80 Column & to 1MB Memory
$119

Z-Ram Ultra 2
IIc Clock & Memory to 1-Meg
$169

NEW!! Appleworks 3.0
Spell Check & Thesaurses
$189

Applework GS
Fully Integrated Software for the IIgs
$199

HyperWorks
Sound & Graphics on the IIgs
$79

GS Font Editor
Create/Edit GS Fonts on any Apple II
$29

PC Transporter 640K
Apple II Does MS-DOS
$429

Quicken
Complete Checkbook Management
$37

Will Maker
Prepare Your Will on Your IIe IIc IIgs
$45

On Balance
Inexpensive - Powerfull Home Finance
$45

Transwarp GS
Increase Your Speed
$319

Vulcan Internal Hard Drive
Available for II+ IIe IIgs
20MB $519 or **40MB $619**

GS RAM Plus w/1MB
Expand to 6 Megabyte
$239

DataLink Internal Modem
Applied Engineering for II+ IIe IIgs
1200 bps $179 2400 bps $189

ProTERM v2.1
Premiere Apple II Telecommunications
$89

Wordbench
Powerful Tool for People Who Write
$111

Family Software Library
Bank Street Writer/Carmen SD/Type!
$75

4-Color Printer Ribbon
Imagewriter II Multicolor
$12 ea. - 6 for $60

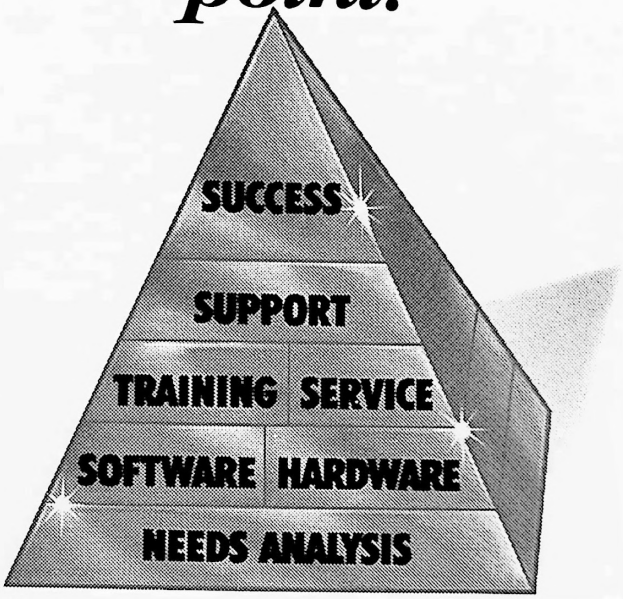
Print Shop Bonus Pak
Includes Free Graphics Disk
$35 IIe - IIgs

4920 West Thunderbird Road ** Glendale, AZ 85306
(602) 938-1160

Prices subject to change without notice. AzApple Journal 11/89

If your computing system doesn't cover every angle,

what's the point?



You know what it takes to run a successful business. A solid foundation. The right building blocks. Support from all sides. Every angle covered.

At ComputerLand, we know how essential an effective computing system is to the success of your business. So we're building Successful Systems based on the same principles. A solid foundation of knowledge about your business and computing needs. Hardware and software that work together smoothly and efficiently. Training and service to ensure that you get the most out of your investment — with minimal down time. And a network that pulls it all together, providing you with support from every angle.

It's ComputerLand's way of adding a new dimension to total systems support. It's your assurance of a computing system that delivers peak performance, with help available whenever you need it. And it all stacks up to your success. Otherwise, *what's the point?*

ComputerLand®

Our people make the difference.

Tower Plaza Super Center

3887 East Thomas Road • Phoenix, AZ • 267-4900

Monday • Friday 10 AM-6 PM

Saturday 10 AM -5 PM

DATAPHAZ Business Systems, Inc.

MasterCard VISA

AzTech Computer

Crate Hard Drives
External Mac Plus or SE
20MB $499 60MB $649

ThunderScan Mac
Imagewriter II Scanner
$219

2400 Baud Modem Pak
Anchor External & Red Ryder
$219

Coach Professional
DA Spell Checker from Deneba
$109

Mac Project II
Complete Project Management
$329

2MB Memory Upgrade
Mac Plus - SE Installed
$299

Apple Compatible Printer
Fortis 1310A Emulates Imagewriter
$259

3.5" Disk Storage Case
Holds 50 Disks - Lockable
$6.50

800K External Disk Drive
SystemGate Apple Compatible
$189

DAtabase
Complete Database Accessory
$97

Hyperworks Organizer
Manage Your Time & Tasks
$37

Quicken v1.5
New More Powerful Version
$45

DiskTop
File Management Utilities
$37

FileMaker II
Best-Selling Database Software
$219

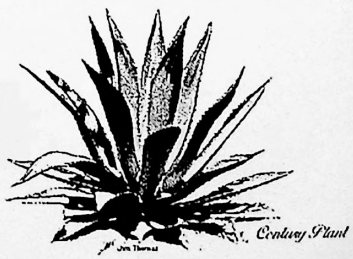
4920 West Thunderbird Road ** Glendale, AZ 85306
(602) 938-1160

Prices subject to change without notice. AzApple Journal 11/89

The Arizona Apple User Group
"The largest & oldest Apple & Mac Computer Club in the southwest"
PO Box 34056
Phoenix, Arizona 85067-4056

BULK RATE
U.S. Postage
PAID
Glendale, AZ
Permit #400

Claris To Update APWKs At Next Meeting!
Memb#: ` Type: E Mo/Yr Exp:: 12 87

Roger Wagner Publishing Co.
1050 Pioneer Wy #P
El Cajon, CA 92020

POSTMASTER:
Address Correction Requested
Forwarding Requested